Drug-resistant typhoid strains are a growing problem regionally and across the globe.

Global data show that multidrug-resistant (MDR) typhoid prevalence has increased dramatically since 1992.\(^2\)

Drug-resistant typhoid has been isolated in Mauritania, and has also been found in other West African countries.\(^3\)

Diseases such as typhoid can easily cross borders, and as drug-resistant typhoid becomes more common, it has the potential to spread further in Mauritania.

Drug-resistant typhoid is more difficult to treat and forces the use of more expensive and less readily-available treatment options.

In Mauritania, around 28\% of the population does not have access to basic drinking water services, and 50\% lack access to basic sanitation services.\(^4\) This can increase the risk of typhoid in Mauritania.
Typhoid conjugate vaccines (TCVs) in Mauritania

The World Health Organization (WHO) recommends the introduction of prequalified TCVs be prioritized in countries with a high burden of typhoid disease or a high burden of drug-resistant typhoid. Support for introduction from Gavi, the Vaccine Alliance is available now. TCVs:

- Are highly effective and safe for children as young as 6 months of age;
- Require a single dose to prevent 79-85% of typhoid cases in children;\(^5\)
- Offer strong protection for at least 4 years; and
- Can be co-administered with measles-rubella vaccines.\(^4,5\)

Findings from an economic analysis predict that, even in the absence of a Gavi subsidy, a catch-up campaign with TCV could be cost-effective in Mauritania.\(^6\)

Typhoid conjugate vaccines (TCVs) in Mauritania

Let's Take on Typhoid in Mauritania

- Typhoid is endemic in Mauritania, with more than 4,500 cases per year.
- Mauritania’s burden of typhoid is most heavily borne by children younger than 15 years of age.
- Data show that drug-resistant typhoid is present in Mauritania and is increasing regionally and globally.
- TCVs are safe, effective, and WHO-recommended for routine immunization as part of a cost-effective, integrated approach to typhoid prevention and control alongside safe water, sanitation, and hygiene interventions.
- Gavi support for TCV introduction is available now.